

H. Type of Laboratory

- ☐ Commercial
☐ Federal
☐ Field Parameter (pH, residual chlorine, dissolved oxygen and/or temperature)
☐ Industrial
☐ Mobile
☐ Municipal

I. Certification Contact Person for Laboratory:

Telephone Number Extension E-Mail Address:

J. Out-of-State Laboratories Only:

Attach a copy of the current certificate, list of parameters, last two EPA WS and WP PE study results, most recent on-site evaluation report and response to deviations from the following State Certification Programs: **Only one State Certifying Authority for each Designated Program Area. Organic certification requires the method and analyte list from the State Certifying Authority for each Program Area.**

Safe Drinking Water Act: _____ Expiration Date: _____
(Name of State Certifying Authority)

Clean Water Act: _____ Expiration Date: _____
(Name of State Certifying Authority)

Solid and Hazardous Waste: _____ Expiration Date: _____
(Name of State Certifying Authority)

K. Laboratory Director: Designate the person responsible for the laboratory operations. Attach resume.

Telephone Number: Extension E-Mail Address:

Education:

Name of Institution:

Degree:

Major Field:

Major Field:

Certificates or Registrations Held:

Issuing Agency:

Date of Issue: _____

Date of Issue:

Experience (related to laboratory analysis):

L. Laboratory Personnel: List all personnel involved in the laboratory operations. Please make copies of this form for additional personnel. Resumes may be attached.

Name and Position Held:

Education and Experience:

License or Registration:

Primary Responsibilities in the Laboratory:

Name and Position Held:

Education and Experience:

License or Registration:

Primary Responsibilities in the Laboratory:

Name and Position Held:

Education and Experience:

License or Registration:

Primary Responsibilities in the Laboratory:

Name and Position Held:

Education and Experience:

License or Registration:

Primary Responsibilities in the Laboratory:

M. Clean Water Act Methodology

Inorganic – Demand: Circle only the EPA-approved methodology that the laboratory is seeking to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Parameter	Methodology ¹		
	EPA	Standard Methods	Other
Dissolved Oxygen		SM 4500-O C SM 4500-O-G	ASTM D888-05

Inorganic – Miscellaneous: Circle only the EPA-approved methodology that the laboratory is seeking certification to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Parameter	Methodology ¹		
	EPA	Standard Methods	Other
Ferrous Iron		SM 3500-Fe D	
Temperature		SM 2550 B	
Turbidity	EPA 180.1 Rev.2.0 (1993)	SM 2130 B	

N. Solid and Hazardous Waste Methodology

Inorganic – Mineral: Circle only the EPA-approved methodology that the laboratory is seeking certification to perform. Out-of-state laboratories: The State Certifying Authority's certificate must reflect the appropriate certification for each parameter and method circled.

Parameter	Methodology ¹		
	EPA	Standard Methods	Other
Hydrogen-Ion Concentration (pH) (Corrosivity)	EPA 9040C		
Hydrogen-Ion Concentration (solid)	EPA 9045D		
Specific Conductance	EPA 9050A		

O. Quality Control: Check the quality control practices that apply to your laboratory with the frequency performed, or list as N/A if not applicable to your laboratory operations.

Quality Control	Yes	No	Frequency	Comments
Quality Assurance Plan ²				
Standard Operating Procedures ²				
Initial Demonstration of Precision and Accuracy for each Method ²				
Chain of Custody ²				
Sample Identification System				
Use of Unknown PT samples ²				
Documented Standard Curve for each Method				
Standard Curve Checked Prior to each Sample Set				
Verify Curve Every Ten Samples				
Laboratory Blanks				
Use of Known Reference Samples				
Use of Duplicate Samples				
Service Contract on Balances				
Use of ASTM Class 1, 2, or 3 Weights				
Dating of Chemicals (received and opened)				
Chemical Inventory Log				
Standard Preparation Records				

P. Statement of Validation

I have read South Carolina State Regulation 61-81, titled State Environmental Laboratory Certification. In accordance with that Regulation, as the designated Laboratory Director, I submit this completed Application to the State Environmental Laboratory Certification Program. I attest that the information on pages 1-5 is true, accurate and complete to the best of my knowledge. I agree to notify the State Environmental Laboratory Certification Program within 15 days of changes in laboratory name, ownership, laboratory director, location, personnel, facilities, equipment, methodology, and/or record keeping practices, or any other factors which might impair the ability of the laboratory to perform in accordance with the terms of certification documented in Regulation 61-81.

With the attached application(s), I hereby apply for certification in accordance with the terms listed in South Carolina Environmental Laboratory Certification Regulation 61-81.

Name of Laboratory Director (type or print)

Signature of Laboratory Director

Date

Q. Designation of Laboratory Director

THIS IS A SAMPLE FORM.

YOUR LABORATORY'S LETTERHEAD

Director, Office of Environmental Laboratory Certification
S.C. Department of Health and Environmental Control
P.O. Box 72
State Park, South Carolina 29147

Dear Sir:

In accordance with South Carolina State Environmental Laboratory Certification Regulation 61-81, Section D(12), as proprietor of _____, I designate _____ as the Laboratory Director. He/she has the responsibility of supervising the operations of the laboratory and insuring the quality and accuracy of the data reported. If there is a change in the Laboratory Director, I agree to notify the Office of Environmental Laboratory Certification within 15 days of this change.

(Proprietor's Signature and Date)

(Type or Print Name)

(Type or Print Title)

Application Footnotes

1 **Clean Water Act:**

For the monitoring under the Clean Water Act, the 18th, 19th, and 20th editions of *Standard Methods for the Examination of Water and Wastewater*, 1992, 1995, and 1998 are the approved method references for most parameters. The *Standard Methods Online* version that is approved is indicated by the last two digits in the method number, which is the year of approval by the Standard Method Committee. Standard Methods Online versions are available at <http://www.standardmethods.org>.

For approved methodology, refer to 40 CFR Part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants under the Clean Water Act."

Solid and Hazardous Waste Testing:

For Solid and Hazardous Waste testing, the EPA approved method reference is SW-846, Third Edition of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", amended by Updates I, II, II, IIA, IIB, III, IIIA, IIIB and IV.

Also refer to 40 CFR Parts 260, 261, 264, 265, 268, and 270, "Hazardous Waste Management System; Testing and Monitoring Activities".

2 Must accompany the completed application form.